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# Azaleas, Kalmias Rhododendrons,

## Hemlocks, and other Hardy Plants

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PARTIAL VIEW OF NURSERY AT LINVILLE.

# LINVILLE NURSERIES

NELSON MacRAE, Pres. J. W. MORTON, V.-Pres. R. M. SHEPPARD, Sec.-Treas.

**Located at an elevation of 4,000 feet above sea-level**
**"Crest of the Blue Ridge Mountains"**

## LINVILLE, NORTH CAROLINA

Owned and Operated by
LINVILLE COMPANY
Linville, N. C.

L. A. BERCKMANS, Augusta, Ga.
S. B. BERCKMANS, Augusta, Ga.
Associates and Sales Representatives

**Branch Offices: Wilmington, North Carolina, and Augusta, Georgia**
**Address All Communications to L. A. & S. B. BERCKMANS, AUGUSTA, GA.**

# *Introductory*

THE **Linville Nurseries, at Linville, N. C.** (on the Black Bear Trail from Canada to Florida, U. S. Route 221), were established in 1929, and are ideally located on the slope of Grandfather Mountain at an elevation of 4,000 feet above sea-level; and upon the 16,000-acre tract owned by the Linville Company.

We specialize in **native plants** as are described in this folder. The site on which these plants are grown is amid the peaks of the Blue Ridge, one of the oldest mountain ranges of the world; this gives us the opportunity to offer plants of unusual vigor and hardiness.

## TERMS AND CONDITIONS

**SHIPPING SEASON:** Usually from March 1, to the last of May, and September 1, until the ground freezes.

**TERMS:** Sixty days net from date of invoice. Less 2% dicount for cash in ten days. If purchaser's credit is unknown to us, cash or satisfactory reference is required.

**QUOTATIONS:** 5 plants of the same variety and size will be charged at the 10 rate; 30, at the 100 rate.

**PACKING:** No packing charge on carload lots, but when boxed, boxes will be invoiced at cost.

**SHIPPING INSTRUCIONS:** Give these in all cases.

**LIABILITY AND CLAIMS:** All shipments travel at purchaser's risk. We do not guarantee safe delivery.

No liability to attach to us where frost, drought, fire, or other casualties beyond our control prevent delivery of stock that may be contracted for.

**SHIPPING FACILITIES:** Carload lots from Spruce Pine, North Carolina. Express shipments from Linville and Spruce Pine. Can also make delivery by truck.

**OUR GUARANTEE:** We guarantee all plants to be true to name, first class in every respect, and just as represented.

Orders are accepted according to terms and conditions as above.

Address all communications to:

**L. A. and S. B. BERCKMANS,**
Augusta, Georgia

NOTE: Neither L. A. Berckmans nor S. B. Berckmans is connected with any other nursery.

Abies fraseri—Nursery Grown.

**ABIES fraseri. Fir. Balsam Fir. Superior to American Silver Fir. Rare.**

**(Nursery Grown.)**

| | Per 10 | Per 100 |
|---|---|---|
| 18 to 24 inches, stocky, well-branched | $ 5.00 | |
| 2 to 3 feet, stocky well-branched | 9.00 | $ 85.00 |
| 3 to 4 feet, heavy, well-branched | 13.75 | 100.00 |

**AZALEA calendulacea. (Collected Clumps.)**

| | Per 10 | Per 100 | Per 1000 |
|---|---|---|---|
| 2 to 3 feet, strong, many young stems | $ 6.50 | $ 55.00 | $ 450.00 |
| 3 to 4 feet, extra strong, many young stems | 9.00 | 85.00 | 750.00 |
| 4 to 5 feet, extra strong, many young stems | 15.00 | 125.00 | 1150.00 |
| 5 to 7 feet, extra strong, many young stems | 30.00 | 275.00 | |

These collected clumps were cut back to the ground, two to six years ago, and therefore, have many vigorous young growths.

**AZALEA calendulacea. Flame Azalea. Many shades of yellow, orange, and buff. Succeeds best in partial shade. Hardy from New England to Florida. (Same soil as recommended for Rhododendrons.)**

**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, strong, well-branched, many young stems | $ 9.50 | $ 85.00 |
| 18 to 24 inches, strong, well-branched, many young stems | 13.50 | 120.00 |
| 2 to 3 feet, strong, well-branched, many young stems | 15.00 | 135.00 |
| 3 to 4 feet, extra strong, well-branched, many young stems | 25.00 | |

Azalea calendulacea—Nursery Grown.

All plants will be carefully selected, BALLED AND BURLAPPED.

**AZALEA nudiflora. Pinxter flower; flowers pink, fragrant. Succeeds best in partial shade. Hardy from New England to Florida. Early bloomer. (Same soil as recommended for Rhododendrons.)**

**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, strong, well-branched, many young stems | $10.50 | $ 90.00 |
| 18 to 24 inches, strong, well-branched, many young stems | 12.50 | 110.00 |
| 2 to 3 feet, extra strong, bushy, many young stems | 18.50 | 160.00 |

Azalea nudiflora—Nursery Grown.

**AZALEA vaseyi. Shell pink Azalea. Very rare, early bloomer. Should have filtered shade; recommended only for the upper and colder sections. Found only on a few of the highest mountains of North Carolina. (Same soil as recommended for Rhododendrons.)**

**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, strong, well-branched, many young stems | $12.50 | $115.00 |
| 18 to 24 inches, extra strong, bushy, many young stems | 20.50 | 185.00 |
| 2 to 3 feet, extra strong, bushy, many young stems | 25.00 | 200.00 |
| 3 to 4 feet, extra strong, bushy, many young stems | 32.00 | 260.00 |
| 3 to 4 feet, Specimens, extra strong, bushy, many young stems | 40.00 | |
| 4 to 5 feet, extra strong, bushy, many young stems | 47.50 | |

Azalea vaseyi—Nursery Grown.

**We make combination carload shipments. Send list for quotations. Place order now and have plants reserved.**

**KALMIA latifolia, Calico Bush. Mountain Laurel. Gives a fine effect when interplanted with Rhododendrons. Habitat from Nova Scotia to Florida. Very adaptable as to location. Will grow on edge of swamps almost as well as in dry soil. Will succeed in sun or shade, but gives best results in partial shade. They are not happy in clay or alkaline soil. (Same soil as recommended for Rhododendrons.)**

**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, 20 to 30 well-branched stems | $13.00 | $110.00 |
| 18 to 24 inches, 20 to 30 well-branched stems | 15.00 | 125.00 |
| 2 to 3 feet, 30 to 40 well-branched stems | 18.00 | 150.00 |

**KALMIA latifolia.**
**(Collected Clumps). burnt over and cut back.**

| | Per 10 | Per 100 | Per 1000 |
|---|---|---|---|
| 12 to 18 inches, 20 to 30 well-branched stems | $ 6.00 | $ 55.00 | $ 475.00 |
| 18 to 24 inches, 20 to 30 well-branched stems | 7.00 | 65.00 | 550.00 |
| 2 to 3 feet, 30 to 40 well-branched young stems | 8.00 | 75.00 | 650.00 |
| 3 to 4 feet, 30 or more well-branched young stems | 12.00 | 100.00 | |
| 2 to 3 feet, **Specimens**, 50 or more well-branched young stems | 14.00 | 110.00 | |

No. 1 No. 2 No. 3

Kalmia latifolia, cut back or burnt over, Collected plants. No. 1 shows 18 to 24 inch average plant. Nos. 2 and 3 are average 2 to 3 feet plants.

**LEIOPHYLLUM prostratum. Allegheny Sand Myrtle. Indispensable for borders and Rock Gardens in the colder sections. Blooms for several months.**
**(Collected Clumps.)**

| | Per 10 | Per 100 |
|---|---|---|
| 4 to 6 inches spread, fine clumps | $ 3.50 | $ 30.00 |
| 6 to 10 inches spread, fine clumps | 4.00 | 37.50 |
| 12 to 15 inches spread, **Specimen Clumps** | 14.00 | 110.00 |

**RHODODENDRON carolinianum. Carolina Rhododendron. Flowers vary from light to deep pink. Blooms from four to five weeks before R. catawbiense. Does best in full sunlight, but flourishes also in shaded locations. (Same soil as recommended for Azaleas.)**
**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 6 to 12 inches, very bushy, 6 to 10 young stems | $ 12.00 | $111.00 |
| 12 to 18 inches, very bushy, 6 to 10 young stems | 14.00 | 130.00 |
| 18 to 24 inches, very bushy, 6 to 10 young stems | 17.50 | |
| 2 to 3 feet, very bushy, 10 to 18 young stems | 20.00 | |

Rhododendron carolinianum—Nursery Grown.

**RHODODENDRON catawbiense. Catawba Rhododendron. One of our most beautiful and desirable shrubs. Habitat—Southern Alleghenies, but hardy as far north as New England. Does well in full sunlight, also partial shade. Colors vary from lilac to purple and almost red. (Same soil as recommended for Azaleas.)**

**Our plants are exceptionally fine and vigorous. (Note photograph.)**

**(Nurery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, 6 to 10 well-branched stems | $14.25 | $140.00 |
| 18 to 24 inches, 6 to 10 well-branched stems | 19.00 | 180.00 |
| 2 to 3 feet, 10 to 18 well-branched stems | 25.00 | 225.00 |
| 2 to 3 feet, **Specimens**, 18 to 30 heavily branched stems | 30.00 | 275.00 |
| 3 to 4 feet, 10 to 18 well-branched stems, heavy | 35.00 | 300.00 |

**RHODODENDRON catawbiense.**

**(Nursery Grown), Transplanted.**

| | Per 10 | Per 100 |
|---|---|---|
| 8 to 12 inches, well-branched | $ 5.00 | $ 45.00 |
| 12 to 18 inches, well-branched | 7.00 | 60.00 |
| 18 to 24 inches, well-branched | 8.00 | 70.00 |
| 2 to 3 feet, heavy, well-branched | 10.00 | |

**RHODODENDRON catawbiense.**

**(Collected Clumps), burnt over and cut back. Unusually vigorous.**

| | Per 10 | Per 100 |
|---|---|---|
| 18 to 24 inches, 6 to 10 well-branched stems | $10.50 | $ 95.00 |
| 2 to 3 feet, 10 to 15 well-branched stems | 15.00 | 130.00 |
| 3 to 4 feet, 10 to 20 well-branched stems | 22.00 | 210.00 |
| 4 to 5 feet, 10 to 20 well-branched stems | 25.00 | 225.00 |
| 2 to 3 feet, **Specimens**, 20 to 30 heavily branched stems | 26.00 | 225.00 |
| 3 to 4 feet, **Specimens**, 20 or more heavily branched stems | 30.00 | 260.00 |

Rhododendron catawbiense—Nursery Grown.

**RHODODENDRON maximum. Great Laurel. Rosebay Rhododendron. Habitat, Nova Scotia and Ontario to the mountains of Georgia. Attains height of 35 feet. A very hardy species. Does best in a shady location. Flowers vary from white to light shades of pink. (Same soil as recommended for Azaleas.)**

**(Nursery Grown), Transplanted Clumps.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, 5 to 8 well-branched stems | $11.00 | $ 95.00 |
| 18 to 24 inches, 8 to 15 well-branched stems | 14.00 | 125.00 |
| 2 to 3 feet, 10 to 15 well-branched stems | 16.00 | |
| 2 to 3 feet, **Specimens**, 15 or more well-branched stems | 22.00 | |

**RHODODENDRON maximum.**

**(Nursery Grown.)**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches, well branched | $ 6.00 | $ 50.00 |
| 18 to 24 inches, well-branched | 7.25 | |

**We will be glad to give quotations on a mixed carload. (Minimum—16,000 lbs.)**

**RHODODENDRON maximum.**

**(Collected Clumps), burnt over and cut back. Unusually fine plants. We have many carloads.**

| | Per 10 | Per 100 |
|---|---|---|
| 18 to 24 inches, 10 to 15 well-branched stems | $ 7.00 | $ 65.00 |
| 2 to 3 feet, 15 to 25 well-branched stems | 8.00 | 75.00 |
| 3 to 4 feet, 15 to 25 well-branched stems | 11.00 | 100.00 |
| 4 to 5 feet, 15 to 25 well-branched stems | 15.00 | 140.00 |
| 2 to 3 feet, **Specimens**, 25 or more well-branched stems | 17.00 | 140.00 |

Rhododendron maximum—Nursery Grown.

**TSUGA canadensis. Canadian or Common Hemlock. A very handsome, ornamental tree, extensively used for hedges and wind brakes.**

**(Nursery Grown), Compact, sheared.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches | $ 5.00 | $ 45.00 |
| 18 to 24 inches | 6.00 | 55.00 |
| 2 to 3 feet, heavy | 12.00 | 100.00 |

**TSUGA caroliniana. Carolina Hemlock. Conceded to be the hardiest and handsomest of all the Hemlocks. It has very dark foliage, compact growth, branches pendulous, a rapid grower.**

**(Nursery Grown), Compact, sheared.**

| | Per 10 | Per 100 |
|---|---|---|
| 12 to 18 inches | $ 5.50 | $ 45.00 |
| 18 to 24 inches | 7.50 | 60.00 |
| 2 to 3 feet, extra heavy | 14.00 | 125.00 |
| 3 to 4 feet, extra heavy | 27.50 | 225.00 |

Tsuga caroliniana—Nursery Grown.

Tsuga canadensis—Nursery Grown.

## PLANTING AND CARE OF AZALEAS, KALMIAS AND RHODODENDRONS

(Please read these instructions carefully.)

**Soil Composition: (testing pH 5-6)** To get the best results, the soil must be acid and well drained. An excellent mixture is:

2 parts of sandy loam.

1 part of leaf mold, preferably from hardwood growth, avoiding use of leaf mold from maple trees.)

1 part Florida Humus, or Michigan peat.

1 part old dairy manure, at least one year old.

**Planting:** This is best done in the fall as soon as the wood is matured and can be continued until a month before the ground freezes. The spring planting can start as soon as the frost is out of the ground, and continue until growth starts. Dig holes of ample size and fill in around the plant with the soil mixture as above recommended. Set plant in hole to the same depth that it stood in its original position. Firm soil slightly so that there will be no air pockets. **Water thoroughly,** add more soil after water settles. Level the ground. **Mulch** to a depth of 2 to 4 inches with old hardwood sawdust, rotted leaves, or leaf mold. Replenish mulching from time to time as needed. As these plants have only surface roots, they should not be cultivated with a hoe. Pull out the grass and weeds. Never allow the plants to suffer for water.

To insure yearly bloom, break off the seed pods as they form immediately after blooming.

**Fertilization:** Do this just before growth starts—3 parts of well-rotted old dairy manure and 1 part cotton seed meal, by measure, is excellent. This should be scratched in lightly, so as not to destroy the surface roots. Water thoroughly after applying the fertilizer, and replace mulch.

**Insects:** The lace-bug and red spider can be eradicated by spraying with Sunoco oil, 1 gallon to 50 gallons of water, and add ½ pint of Black Leaf 40. Another good spray is Nursery Volck and Black Leaf 40, (See directions on container); or 6 pounds of Octagon soap flakes, ½ pint Black Leaf, 40, to 50 gallons of water. As soon as the insects hatch, usually in April or May, spray and repeat at intervals, should there be another infestation.

**Fungus:** Leaf blister or other fungi can be eradicated by spraying with Bordeaux Mixture (4-5-50), or with Sulfocide, 1 to 200. Always apply spray to all parts of stem and foliage and with plenty of force in form of a fine mist.

**Spraying:** This should never be done when the mercury is below 40 degrees, neither should it be applied during the heat of the day—late afternoon is the proper time.

**Note:** You cannot expect satisfactory results unless plants are properly planted and subsequently cared for.

Address all communications to:

**L. A. and S. B. BERCKMANS,**

Augusta, Georgia